

# SOFTWARE FUNCTIONALITY MATRIX



Incorporated County of Los Alamos  
Procurement Division  
101 Camino Entrada, Building 3  
Los Alamos, NM 87544

|                              |  |
|------------------------------|--|
| <b>Offeror Company Name:</b> |  |
| <b>Solicitation No.:</b>     |  |
| <b>Solicitation Title:</b>   |  |

**Instructions for Offerors:** The following are minimum features and functionality requested by the County. For each line item, indicate if the functionality is provided as described below in the legend and provide a description of *how* the Solution provides the requested feature or if an alternate solution is proposed. County reserves the right to award to any Offeror whose combination of functionality or proposed alternate solutions best meets the County's needs. Offerors should prepare to, at a minimum, present all of the features and functionalities below during their scheduled demonstrations, if selected as Finalist(s) for Step 2.

| <b>Legend:</b> |                                                                                                                   |
|----------------|-------------------------------------------------------------------------------------------------------------------|
| S =            | Standard functionality out-of-the-box or meets requirement fully                                                  |
| M =            | Modification required (i.e. standard script or other work-around)                                                 |
| T =            | Provided by a third-party. <b>Name the third-party and describe Offeror's relationship with this third-party.</b> |
| C =            | Requires customization to the base code/API                                                                       |
| N =            | Unable to currently provide this feature or requirement                                                           |

| Ref. No. | Functionality: Please indicate with an X, using the legend above, to indicate how Offeror's Software provides the following features and functionality. | S | M | T | C | N | Description of Solution |
|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|---|---|-------------------------|
| 1        | <b>Integrations With County Systems</b>                                                                                                                 |   |   |   |   |   |                         |
| 1.1      | Ability to integrate with ArcGIS Pro, ArcGIS Enterprise and ArcGIS Online. Versions supported must be either the newest supported ArcGIS                |   |   |   |   |   |                         |

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|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|---|---|-------------------------|
|          | version or the immediately previous version.                                                                                                                                               |   |   |   |   |   |                         |
| 1.2      | Ability to automate export of data for use in our read-only GIS viewer hosted in ArcGIS Enterprise and as a read-only layer in ArcGIS Pro and Enterprise.                                  |   |   |   |   |   |                         |
| 1.3      | Ability to do custom data exports in GIS formats (shapefile, file geodatabase, ArcGIS Pro packaged project file (.ppkx file)).                                                             |   |   |   |   |   |                         |
| 1.4      | Software will have the ability to support multiple users in at least two different roles – data editor, and a read-only user.                                                              |   |   |   |   |   |                         |
| 1.5      | Offeror will provide Software enhancements free of charge whenever released.                                                                                                               |   |   |   |   |   |                         |
| <b>2</b> | <b>General Functionality</b>                                                                                                                                                               |   |   |   |   |   |                         |
| 2.1      | Software will have the ability to manage fiber optic assets including duct banks, fiber cable segments, splices, poles, terminations, buildings, patch cable connections, and slack loops. |   |   |   |   |   |                         |

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|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|---|---|-------------------------|
| 2.2      | Software must have the ability to model fiber routes (or paths) across splices and patch cables, to show an entire route on the display and to show every asset used in the route. This must be available at endpoints, or at any point along the ramp. |   |   |   |   |   |                         |
| 2.3      | Software must have the ability to measure fiber length out from an endpoint or any point along the route, such as locating fiber breaks.                                                                                                                |   |   |   |   |   |                         |
| 2.4      | Software must have standard attributes typically used for fiber optic asset management, and the ability to add custom attributes as needed.                                                                                                             |   |   |   |   |   |                         |
| 2.5      | Software must have a mature map interface that allows editing of any assets in the system, including the ability to snap elements to each other. Software must also have the ability to update attributes using the map interface.                      |   |   |   |   |   |                         |
| 2.6      | System must have the ability to do bulk attribute updates (example: computing the same field value for a selected set of assets).                                                                                                                       |   |   |   |   |   |                         |

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|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|---|---|-------------------------|
| 2.7      | Software must be entirely hosted, in the "cloud", and the data and application used by the County must be entirely inside the United States of America.                                                                                                                                                                                                                                                                                                                                          |   |   |   |   |   |                         |
| 2.8      | Software must have thorough online documentation (help files).                                                                                                                                                                                                                                                                                                                                                                                                                                   |   |   |   |   |   |                         |
| 3        | <b>Additional or Optional Features and Technical Specifications</b><br><br>Describe any additional or optional features and technical specifications not already stated that may be relevant or offered to County. Use a separate document if more space is needed.<br><br>Describe whether the feature is provided as part of the standard base proposal or if it is offered optionally for free or for a fee. Include all costs for these additional or optional features in the Cost Proposal |   |   |   |   |   |                         |
|          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |   |   |   |   |   |                         |
|          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |   |   |   |   |   |                         |
|          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |   |   |   |   |   |                         |
|          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |   |   |   |   |   |                         |